

General Offices/3M

3M Center
St. Paul, Minnesota 55144-1000
(612) 733-1110



MATERIAL SAFETY DATA SHEET

DIVISION: ADHESIVES, COATINGS AND SEALERS
TRADE NAME: SCOTCH-WELD(R) Gray Epoxy Adhesive DP-110
(Part A)
3M I.D. NUMBER: 62-3633-0000-0
ISSUED: NOVEMBER 27, 1985
SUPERSEDES: NOVEMBER 1, 1985
DOCUMENT: 10-3331-5

=====			
1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS
=====			
polymercaptan/polyamide resin blend	N/A		N/D 5
epoxy resin	N/A		N/D 5
amide	N/A		N/D 5
plasticizer	N/A		N/D 5
surfactant	N/A		N/D 5
carbon black (less than 0.1%)	1333-86-4		3.5mg/m3 1
TOTAL OF THE ABOVE	N/A	100.0	N/D 5

SOURCE OF EXPOSURE LIMIT DATA:
1. ACGIH Threshold Limit Values
2. Federal OSHA Permissible Exposure Limit
3. 3M Exposure Guidelines
4. Chemical Manufacturer Recommended Guidelines
5. None Established

ABBREVIATIONS:
N/D - Not Determined
N/A - Not Applicable

=====

2. PHYSICAL DATA

=====

BOILING POINT:	N/A
VAPOR PRESSURE:	N/A
VAPOR DENSITY (Air=1):	N/A
EVAPORATION RATE (Ether=1):	N/A
APPEARANCE AND ODOR:	Black paste - very slight odor
SOLUBILITY IN WATER:	Nil
SP. GRAVITY (Water=1):	1.14
PERCENT VOLATILE:	0
VISCOSITY:	40,000-70,000 cps
pH:	N/D

General Offices/3M

3M Center
St. Paul, Minnesota 55144-1000
(612) 733-1110

**MATERIAL SAFETY
DATA SHEET**



MSDS: SCOTCH-WELD(R) Gray Epoxy Adhesive DP-110 (Part A)
NOVEMBER 27, 1985

Page 2

=====

3. FIRE AND EXPLOSION HAZARD DATA

=====

FLASH POINT (Closed Cup): >200F
FLAMMABLE LIMITS - LEL: N/A UEL: N/A

EXTINGUISHING MEDIA:

CO2, foam, dry chemical, water

SPECIAL FIRE FIGHTING PROCEDURES:

Fire fighters should be equipped with self-contained breathing apparatus when fighting fires involving this material.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None.

=====

4. REACTIVITY DATA

=====

STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:

N/A CONDITIONS TO AVOID: Heat is generated during cure. Do not cure up a mass larger than 50 grams to prevent the possibility of exotherm.

HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO2, SO2 and N decomposition products when subjected to excessive heat or flame.

=====

5. ENVIRONMENTAL INFORMATION

=====

SPILL RESPONSE:

Observe precautions in all sections. Ventilate area. Collect spilled material, cleanup residue and place in a metal container and seal (U.S. Dept. of Transportation approved if it is to be shipped).

RECOMMENDED DISPOSAL:

Since regulations vary, consult applicable regulations or authorities before disposal.

TWO PART SYSTEM: Combined parts (B and A), when fully cured, may be disposed in a sanitary landfill per regulations.

MAJOR SPILLS: Dispose of cleanup material by incineration in an industrial or commercial incineratory. Fully cured residual material and empty containers may be disposed in a sanitary landfill per regulations.

ENVIRONMENTAL DATA:

N/D

General Offices/3M

3M Center
St. Paul, Minnesota 55144-1000
(612) 733-1110

**MATERIAL SAFETY
DATA SHEET**



MSDS: SCOTCH-WELD(R) Gray Epoxy Adhesive DP-110 (Part A)
NOVEMBER 27, 1985

Page 3

=====

6. SUGGESTED FIRST AID

=====

EYE CONTACT:

Immediately flush eyes with plenty of water for at least 10 minutes and call a physician. Flushing eyes with water may not have the capability of preventing injury.

SKIN CONTACT:

Wash thoroughly with soap and water.

INHALATION:

Provide fresh air.

IF SWALLOWED:

Drink two glasses of milk or water and call a physician.

=====

7. PRECAUTIONARY INFORMATION

=====

Prevent contact with eyes and skin. Avoid inhalation of, or eye contact with, dust from grinding and sawing operations on the cured material. Use in well ventilated areas. Curing ovens must be vented to the outdoors. Keep container closed. Keep out of reach of children.

NOTE: Utilize personal protection equipment when handling this product, i.e. impervious gloves and safety glasses. Wash contaminated clothing before reuse. Local exhaust is preferred.

General Offices/3M

3M Center
St. Paul, Minnesota 55144-1000
(612) 733-1110

**MATERIAL SAFETY
DATA SHEET**



MSDS: SCOTCH-WELD(R) Gray Epoxy Adhesive DP-110 (Part A)
NOVEMBER 27, 1985

Page 4

=====

8. HEALTH HAZARD DATA

=====

EYE CONTACT: Extremely irritating to eyes. May cause permanent eye damage.

SKIN CONTACT: Extremely irritating to skin upon prolonged contact. May cause a sensitization in certain individuals.

INHALATION: Vapors may be irritating to the respiratory system.

INGESTION: May cause gastrointestinal irritation.

=====

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.